



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3503 FAX (603) 271-5171



May 16, 2003

LETTER OF DEFICIENCY #WSEB 03-038
Certified Mail# 7099 3400 0003 0691 0782

Lauren Simons
Cradocks Corner
GRJH Inc.
P.O. Box 728
Sharon, Connecticut 06069

Subject: Madison - Public Water System: Cradocks Corner (EPA #1468050)

Dear Ms. Simons:

The records of the Department of Environmental Services (DES) show that the Cradocks Corner water system is classified as a public water system (PWS), as defined by RSA 485:1-a. A PWS is defined as any water system supplying 15 or more services, or 25 or more people for 60 or more days a year. As such, the PWS owner is required to submit chemical samples according to the system's established sampling schedule to the State Laboratory or a State-certified laboratory in compliance with NH Administrative Rule Env-Ws 326.

DES records show that the PWS has **exceeded the maximum contaminant level (MCL) for Nitrate** of 10.0 mg/L, as defined in Env-Ws 316.01. The Q1-2003 sample (averaged with the confirmation sample) was 18.17 mg/L. As a result a violation has occurred for the following compliance period:

First Quarter (Q1) of 2003

DES believes the MCL violation can be corrected and future violations prevented by taking the following actions:

- Immediately** begin providing appropriate alternate (*i.e.* bottled) water at areas accessible to consumers until the violation is corrected. If bottled water is used, the source must be an approved source, monitored in accordance with Env-Ws 389; and
2. **By May 26, 2003**, send written confirmation to DES that alternate water is being provided to consumers; and
3. DES acknowledges receipt of public notice for the Q1-2003 Violation. Continue providing public notice **each calendar quarter** for as long as the exceedence occurs; and
4. **By June 12, 2003**, retain the services of a qualified consultant to address the water quality violation and notify DES, in writing, of the name of the consultant hired. The consultant should review all existing water quality data prior to making recommendations for correcting the MCL violation; and

5. **By July 17, 2003**, submit to DES for approval the consultant's report, which shall contain the consultant's recommendations, along with an implementation schedule to correct the MCL violation. A maintenance schedule must be included if treatment is proposed. DES must approve the consultant's report/recommendations, the maintenance schedule, and the proposed implementation schedule prior to any work being done on the system; and
6. By the DES-approved correction date, correct the violation or install treatment as approved by DES. Notify DES in writing of the correction(s) taken; and
7. Sample in accordance with your Master Sampling Schedule which is enclosed.

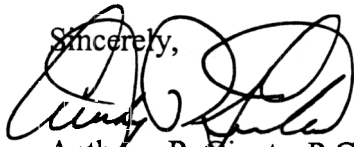
In the event compliance is not achieved within this period, DES may take further enforcement action, including issuing an order requiring the deficiencies to be corrected, initiating an administrative fine proceeding and/or referring the matter to the NH Department of Justice for imposition of appropriate penalties.

The written report as requested above should be addressed as follows:

Alan Leach
Department of Environmental Services
Water Supply Engineering Bureau
6 Hazen Drive, PO Box 95
Concord, NH 03302-0095

Please contact Selina J. Makofsky by phone at (603) 271-4109 or email at smakofsky@des.state.nh.us, or Alan Leach by phone at (603) 271-2854 or email at aleach@des.state.nh.us should you have any questions about the requirements listed in this letter.

Sincerely,



Anthony P. Giunta, P.G., Administrator
Water Supply Engineering Bureau

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Enc. Master Sampling Schedule
Nitrate Fact Sheet

cc: Gretchen Rule, DES Legal Unit (w/o enc.)
Lloyd Helm, Sampling Agent (w/enc.)
Robert M. Babine, Town of Madison Health Officer (w/o enc.)
Dave Gordon, DHHS Health Risk Assessment Bureau (w/o enc.)
Scott Clang, NeRWA (w/o enc.)
US EPA Region 1 (w/o enc.)